

Converting Colors

`RYB(108, 194, 120)`

Have a look what the booklet for
RYB(108, 194, 120) contains.

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Color

R_YB(108, 194, 120)

Conversions

Conversions Part 1

Format	Color
Hex	B6C26C
RGB	182, 194, 108
RGB Percent	71%, 76%, 42%
CMY	0.2863, 0.2392, 0.5765
CMYK	0.06, 0.00, 0.44, 0.24
HSL	68°, 41%, 59%
HSV	68°, 44%, 76%
XYZ	41.2900, 49.6114, 21.5871
YIQ	180.6080, 20.4540, -29.2900

Conversions

Conversions Part 2

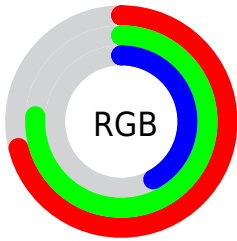
Format	Color
RYB	108, 194, 120
Decimal	11977324
CIELab	75.83, -17.14, 41.71
CIElCh	76, 45.092, 112.340
Yxy	49.6114, 0.3671, 0.4410
Android (android.graphics.Color)	4290167404 (0xFFB6C26C)
YUV	180.6080, -35.7957, 1.2208
Hunter-Lab	70.4353, -18.6232, 31.1335

Details

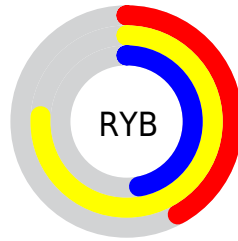
The RYB color **108, 194, 120** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **120, 108, 194**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **161, 250, 172**, and **58, 140, 71** is the 20% darker color. If you saturate the color by 10%, you get **89, 194, 104**, and if you desaturate by 10%, it is **127, 194, 136**.

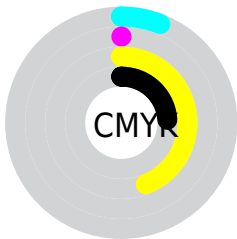
Distribution



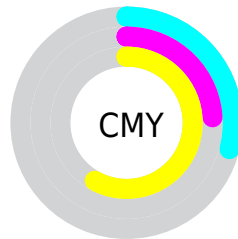
- Red (71%)
- Green (76%)
- Blue (42%)



- Red (42%)
- Yellow (76%)
- Blue (47%)



- Cyan (6%)
- Magenta (0%)
- Yellow (44%)
- Black (24%)



- Cyan (29%)
- Magenta (24%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 194, 120 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 108, 194, 120 by changing the saturation by 10% instead.

 108, 194, 120

255, 255, 255

 161, 250, 172

 188, 255, 188

 217, 255, 217

 245, 255, 245

 108, 194, 120

 83, 167, 96

 58, 140, 71

 33, 115, 47

 4, 90, 18

 0, 67, 15

 0, 45, 18

 0, 26, 26

 0, 0, 0

 108, 194, 120

 108, 194, 120

89, 194, 104

127, 194, 136

69, 194, 86

147, 194, 154

50, 194, 70

166, 194, 170

30, 194, 53

186, 194, 187

11, 194, 37

196, 194, 205

0, 194, 27

198, 194, 224

201, 194, 244

204, 194, 255

206, 194, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169, 223, 104



108, 194, 120



133, 201, 203

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



108, 194, 120



0, 113, 252



255, 155, 199

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



108, 194, 120



120, 108, 194

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229, 165, 238



108, 194, 120



101, 159, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



108, 194, 120



0, 106, 217



175, 180, 255



255, 155, 157

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



108, 194, 120



95, 166, 207



175, 180, 255



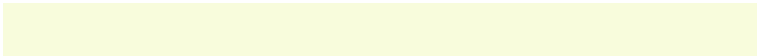
252, 157, 213

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



108, 194, 120



220, 252, 224



194, 121, 108



107, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



108, 194, 120



119, 252, 137



108, 194, 162



87, 97, 88



0, 161, 23



0, 33, 4

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



120, 108, 194



137, 119, 252



162, 108, 194



89, 87, 97



22, 0, 161



5, 0, 33

Previews

White Background



This preview shows how the RYB color 108, 194, 120 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 108, 194, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 108, 194, 120 Background



This preview shows how black text looks on a background with the RYB color 108, 194, 120.



This preview shows how white text looks on a background with the RYB color 108, 194, 120.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
108, 194, 120

Protanopia
127, 205, 105

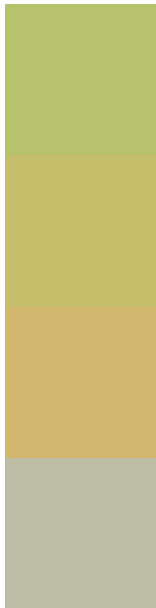
Deuteranopia
195, 226, 112



Tritanopia

193, 184, 198

Trichromacy



Original Color
108, 194, 120

Protanomaly
114, 197, 106

Deuteranomaly
146, 210, 111

Tritanomaly
166, 189, 165

Monochromacy



Original Color
108, 194, 120

Achromatopsia
181, 181, 181

Achromatomaly
154, 186, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 194, 120 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(182, 194, 108)` looks like.

```
.text, #text, p{  
    color:rgb(182, 194, 108)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(182, 194, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 194, 108) }
```

Border

The CSS property to change the border of an element to RYB 108, 194, 120 is called "border". The border property can be set on classes, ids or directly on the HTML element.

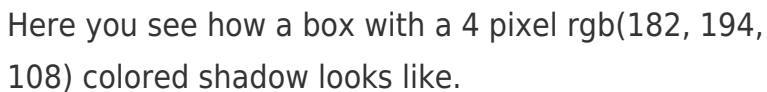
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 194, 108) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(182, 194, 108) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(182, 194, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 194, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 194, 108); box-shadow:4px 4px 4px 4px rgb(182, 194, 108) }
```

Background

The CSS property to change the background color of an element to RYB 108, 194, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 194, 108) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(182,  
194, 108) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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